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04-20-04

3641

April 19, 2004

Dear Jack,

Please find the enclosed IDS forms and copies of the associated references. Many of the references deal simply with applications of neutron sources or provide background information that may not be directly related to the invention. Hence, these references are cited as "Abstract-background" to save some time and effort on your part.

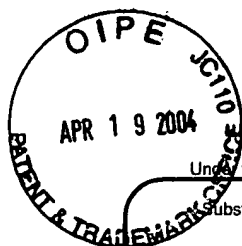
References that relate directly to the substance of the invention, such as the use of suppressors in vacuum-tube technology, are cited in their entirety with the relevant section indicated as "All".

A response to your objections will be mailed before April 21.

Regards

Robert Stubbers

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PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4**Complete if Known**

Application Number	10/058,561
Filing Date	01/28/2002
First Named Inventor	Brian E. Jurczyk
Art Unit	3641
Examiner Name	Jack W. Keith
Attorney Docket Number	212622

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,258,402	01-11-1962	P. T. Farnsworth	All
		US- 3,386,883	05-13-1966	P. T. Farnsworth	All
		US- 3,530,036	12-15-1967	R. L. Hirsch	All
		US- 3,530,497	04-24-1968	R. L. Hirsch	All
		US- 3,609,369	04-09-1968	P. Croitoru	All
		US- 3,761,712	05-11-1971	P. L. Listerman	Abstract-background
		US- 3,794,843	12-29-1972	Y. M. Chen	Abstract-background
		US- 3,885,160	09-10-1973	M. E. Dillingham	Column 1-background
		US- 4,076,990	10-08-1975	G. O. Hendry	Abstract, Column 1
		US- 4,112,306	12-06-1976	C. S. Nunan	Abstract-background
		US- 4,233,539	03-05-1979	L. R. Falce	All
		US- 4,244,782	10-25-1977	W. G. Dow	Abstract-background
		US- 4,263,528	03-05-1978	G. Miram	All
		US- 4,414,472	09-27-1980	J. S. Watt	Abstract-background
		US- 4,480,185	12-22-1980	K. Hashimoto	All
		US- 4,581,194	05-17-1985	W. W. Givens	Abstract
		US- 4,582,992	08-10-1984	T. L. Atwell	Abstract-background
		US- 4,645,635	02-01-1985	P. S. L. Yuen	Abstract-background
		US- 4,671,256	05-25-1984	J. H. Lemelson	Abstract-background

**FOREIGN PATENT DOCUMENTS**

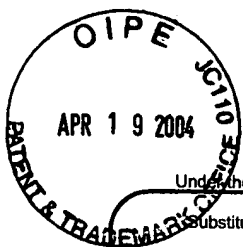
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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Sheet 2

of 4

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First Named Inventor	Brian E. Jurczyk
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Attorney Docket Number	212622

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		US- 4,694,165	09-30-1985	R. J. Proctor	Abstract
		US- 4,696,782	11-26-1984	C. G. Clayton	Abstract-background
		US- 4,830,193	12-29-1987	C. G. Clayton	Abstract-background
		US- 4,884,288	12-31-1986	B. D. Sowerby	Abstract-background
		US- 5,053,185	05-23-1990	S. C. Christensen	Abstract-background
		US- 5,098,640	01-10-1990	T. Gozani	Abstract-background
		US- 5,112,564	10-04-1989	H. Bernardet	Abstract-background
		US- 5,153,439	10-28-1991	T. Gozani	Abstract-background
		US- 5,162,095	01-22-1992	R. Alegre	Abstract-background
		US- 5,200,626	03-28-1990	F. J. Schultz	Abstract-background
		US- 5,252,832	03-06-1992	P. D. Nguyen	Abstract-background
		US- 5,330,621	09-23-1992	P. Visuri	Abstract-background
		US- 5,342,158	01-27-1993	C. A. Isaacson	nothing
		US- 5,373,538	06-20-1991	G. Grenier	Abstract-background
		US- 5,392,319	12-22-1992	P. E. Eggers	Abstract-background
		US- 5,396,071	07-09-1993	T. L. Atwell	Abstract-background
		US- 5,410,575	01-27-1993	H. S. Uhm	Abstract-background
		US- 5,414,195	06-17-1992	S. H. Peterson	Abstract-background
		US- 5,433,693	12-31-1992	K. O. Ott	Abstract-background

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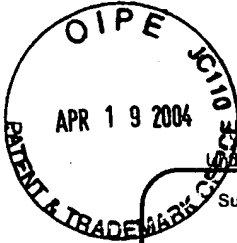
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(Use as many sheets as necessary)

Sheet **3** of **4**

## Complete if Known

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Filing Date	01/28/2002
First Named Inventor	Brian E. Jurczyk
Art Unit	3641
Examiner Name	Jack W. Keith
Attorney Docket Number	212622

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		US- 5,606,167	01-31-1995	T. G. Miller	Abstract-background
		US- 5,732,115	06-20-1995	T. L. Atwell	Abstract-background
		US- 5,818,054	04-29-1997	G. Randers-Pehrson	Abstract-background
		US- 5,825,030	03-20-1997	M. J. Hurwitz	Abstract-background
		US- 5,949,069	11-14-1997	D. M. Chace	Abstract-background
		US- 5,959,870	02-20-1998	M. J. Hurwitz	Abstract-background
		US- 6,026,135	04-03-1998	J. E. McFee	Abstract-background
		US- 6,157,034	07-02-1998	C. A. Griebel	Abstract-background
		US- 6,218,943	05-25-1999	M. P. Ellenbogen	Abstract-background
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## FOREIGN PATENT DOCUMENTS

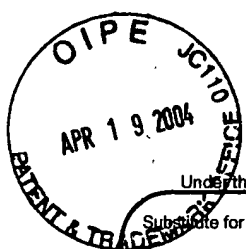
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Examiner Signature		Date Considered	
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Examiner Name	Jack W. Keith
Attorney Docket Number	212622

Sheet 4 of 4

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MCCLURE, G. W., "High-Voltage Glow Discharges in D2 Gas. I. Diagnostic Measurements," J. Phys. Rev., 124, 1, November 1961.	
		HIRSCH, R. L., "Inertial-Electrostatic Confinement of Ionized Fusion Gases", J. Appl. Phys., 18, 11, October 1967.	
		MILEY, G. H., "Discharge Characteristics of the Spherical Inertial Electrostatic Confinement (IEC) Device", IEEE Trans. Plasma Sci., 25, 4, August 1997.	

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